

DENON

AV SURROUND PRE-AMPLIFIER

AVP-A1HDCI

AV SURROUND RECEIVER

AVR-5308CI

Owner's Manual [Additional functions edition]

The AVP-A1HDCI / AVR-5308CI owner's manual is organized in the following two volumes.

- [The original version]
- [Additional functions edition]..... This version

This version contains descriptions of additional and changed functions only.

Additional functions are those designated by "✂" in the GUI menu map of this manual.
GUI Menu Map : AVP-A1HDCI (✂ page 3), AVR-5308CI (✂ page 4)

NOTE

Where the [Additional functions edition] and [The original version] contain items with the same name, please refer to the [Additional functions edition].

Additional functions

1. Corresponding with New DENON control dock for iPod ASD-11R

When you connect the ASD-11R to AVP-A1HDCI / AVR-5308CI, you can play your iPod's music, photos and videos.

2. Addition of Audyssey Dynamic Volume

While constantly monitoring the sound source, Audyssey Dynamic Volume delivers optimum volume adjustment without losing dynamic range.

3. Addition of SIRIUS Satellite Radio Ready

When you subscribe to the SIRIUS service, you can receive SIRIUS Satellite Radio broadcasts.

Simply The Best Radio on Radio™ with all your favorite entertainment including 100% commercial-free music, plus superior sports coverage, uncensored talk and comedy, world-class entertainment, news, weather and more for your car, home or office.

4. DENON LINK 4th compatible (jitter-free playback)

DENON LINK 4th, in addition to DENON's proprietary high-grade audio signal transmission technology, DENON LINK 3rd, achieves high quality playback of HD audio.

When connected to a DENON LINK 4th compatible AV amplifier and Blu-ray Disc player by DENON LINK cable and HDMI cable, you can operate the Blu-ray Disc player with the master clock signal sent from the AV amplifier. Since D/A conversion is conducted with the master clock of the AV amplifier, HDMI transmission is not affected by clock jitter, enabling jitter-free playback. This produces clearer sound localization, so you can enjoy the clear and three-dimensional sound imaging that befits HD audio.

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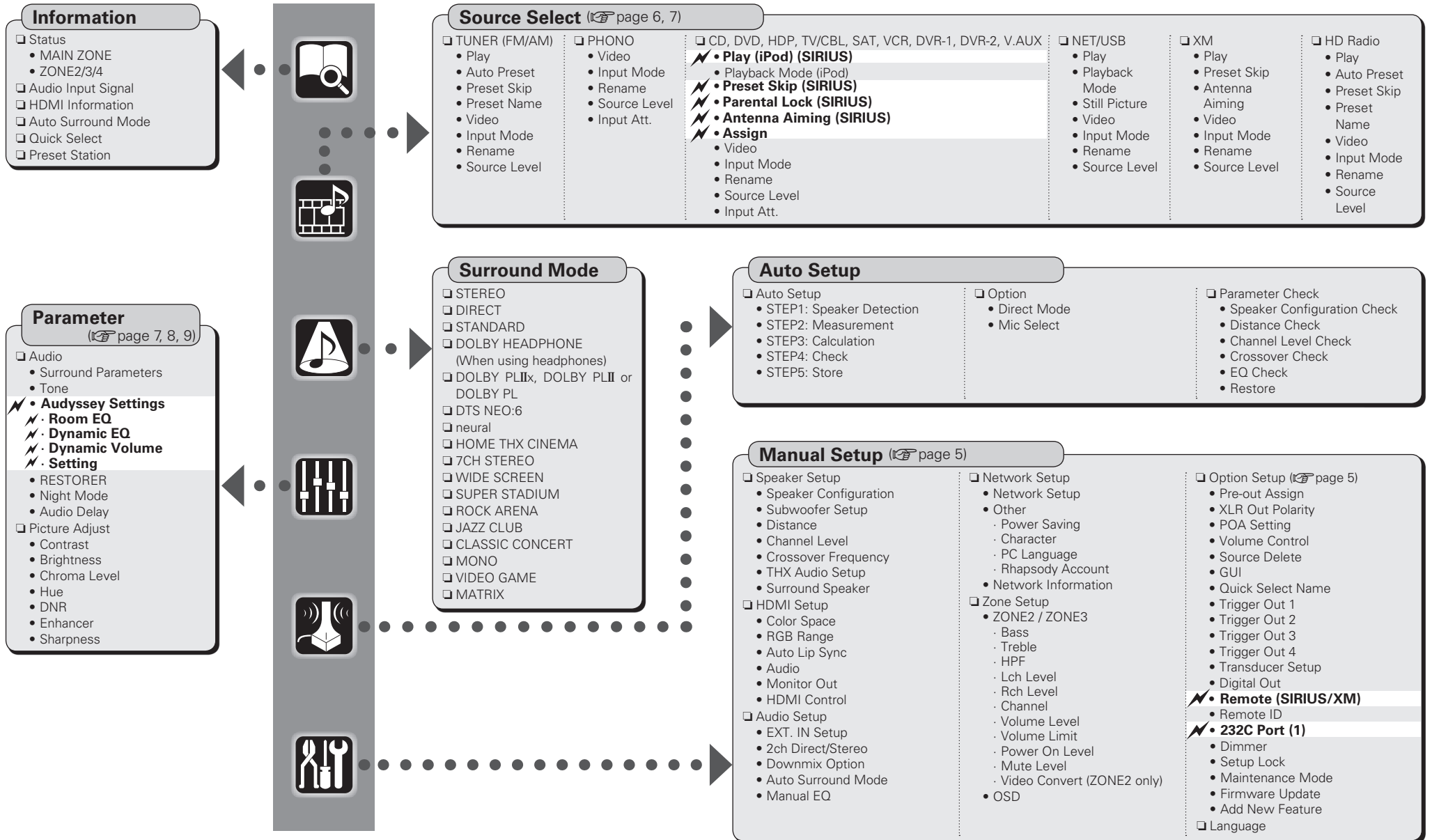
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GUI Menu Map

For AVP-A1HDCI

⚡ indicates newly added and changed functions.



For AVR-5308CI ⚡ indicates newly added and changed functions.

Information

- Status
 - MAIN ZONE
 - ZONE2/3/4
- Audio Input Signal
- HDMI Information
- Auto Surround Mode
- Quick Select
- Preset Station

Parameter
(⌘ page 7, 8, 9)

- Audio
 - Surround Parameters
 - Tone
- ⚡ **Audyssey Settings**
 - ⚡ **Room EQ**
 - ⚡ **Dynamic EQ**
 - ⚡ **Dynamic Volume Setting**
- RESTORER
- Night Mode
- Audio Delay
- Picture Adjust
 - Contrast
 - Brightness
 - Chroma Level
 - Hue
 - DNR
 - Enhancer
 - Sharpness

Source Select (⌘ page 6, 7)

<input type="checkbox"/> TUNER (FM/AM) <ul style="list-style-type: none"> • Play • Auto Preset • Preset Skip • Preset Name • Video • Input Mode • Rename • Source Level 	<input type="checkbox"/> PHONO <ul style="list-style-type: none"> • Video • Input Mode • Rename • Source Level 	<input type="checkbox"/> CD, DVD, HDP, TV/CBL, SAT, VCR, DVR-1, DVR-2, V.AUX <ul style="list-style-type: none"> ⚡ Play (iPod) (SIRIUS) <ul style="list-style-type: none"> • Playback Mode (iPod) ⚡ Preset Skip (SIRIUS) ⚡ Parental Lock (SIRIUS) ⚡ Antenna Aiming (SIRIUS) <ul style="list-style-type: none"> • Assign <ul style="list-style-type: none"> • Video • Input Mode • Rename • Source Level 	<input type="checkbox"/> NET/USB <ul style="list-style-type: none"> • Play • Playback Mode • Still Picture • Video • Input Mode • Rename • Source Level 	<input type="checkbox"/> XM <ul style="list-style-type: none"> • Play • Preset Skip • Antenna Aiming <ul style="list-style-type: none"> • Video • Input Mode • Rename • Source Level 	<input type="checkbox"/> HD Radio <ul style="list-style-type: none"> • Play • Auto Preset • Preset Skip • Preset Name • Video • Input Mode • Rename • Source Level
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Surround Mode

- STEREO
- DIRECT
- STANDARD
- DOLBY HEADPHONE
(When using headphones)
- DOLBY PLIIx, DOLBY PLII or DOLBY PL
- DTS NEO:6
- neural
- HOME THX CINEMA
- 7CH STEREO
- WIDE SCREEN
- SUPER STADIUM
- ROCK ARENA
- JAZZ CLUB
- CLASSIC CONCERT
- MONO MOVIE
- VIDEO GAME
- MATRIX

Auto Setup

<input type="checkbox"/> Auto Setup <ul style="list-style-type: none"> • STEP1: Speaker Detection • STEP2: Measurement • STEP3: Calculation • STEP4: Check • STEP5: Store 	<input type="checkbox"/> Option <ul style="list-style-type: none"> • Direct Mode • Mic Select 	<input type="checkbox"/> Parameter Check <ul style="list-style-type: none"> • Speaker Configuration Check • Distance Check • Channel Level Check • Crossover Check • EQ Check • Restore
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

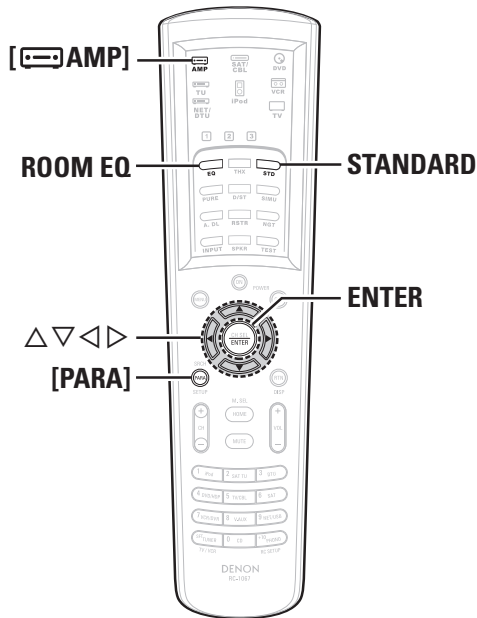
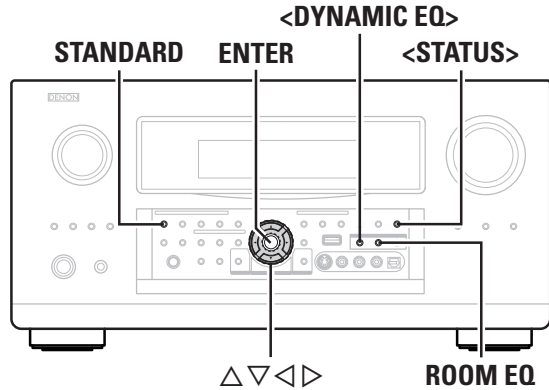
Manual Setup (⌘ page 5)

<input type="checkbox"/> Speaker Setup <ul style="list-style-type: none"> • Speaker Configuration • Subwoofer Setup • Distance • Channel Level • Crossover Frequency • THX Audio Setup • Surround Speaker 	<input type="checkbox"/> Network Setup <ul style="list-style-type: none"> • Network Setup • Other <ul style="list-style-type: none"> • Power Saving • Character • PC Language • Rhapsody Account • Network Information 	<input type="checkbox"/> Option Setup (⌘ page 5) <ul style="list-style-type: none"> • Amp Assign • Volume Control • Source Delete • GUI • Quick Select Name • Trigger Out 1 • Trigger Out 2 • Trigger Out 3 • Trigger Out 4 • Transducer Setup • Digital Out ⚡ Remote (SIRIUS/XM) <ul style="list-style-type: none"> • Remote ID ⚡ 232C Port (1) <ul style="list-style-type: none"> • Dimmer • Setup Lock • Maintenance Mode • Firmware Update • Add New Feature
<input type="checkbox"/> HDMI Setup <ul style="list-style-type: none"> • Color Space • RGB Range • Auto Lip Sync • Audio • Monitor Out • HDMI Control 	<input type="checkbox"/> Zone Setup <ul style="list-style-type: none"> • ZONE2 / ZONE3 <ul style="list-style-type: none"> • Bass • Treble • HPF • Lch Level • Rch Level • Channel • Volume Level • Volume Limit • Power On Level • Mute Level • OSD 	
<input type="checkbox"/> Audio Setup <ul style="list-style-type: none"> • EXT. IN Setup • 2ch Direct/Stereo • Downmix Option • Auto Surround Mode • Manual EQ 		<input type="checkbox"/> Language

Symbols used to indicate buttons in this manual

Button located on both the main unit and the remote control unit → **BUTTON**
 Button only on the main unit → **<BUTTON>**
 Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-5308CI>



Manual Setup

Make detail settings for various parameters.

Option Setup

Make various other settings.

- Menu tree ●
- Manual Setup
 - Option Setup
 - 1 GUI
 - 2 Remote (SIRIUS/XM)
 - 3 232C Port (1)
 - 4 Add New Feature

1 GUI

Make GUI related settings.

Master Volume

Master volume display during adjustment.

[Selectable items] **Bottom** **Top** **OFF**

If the Master Volume display is superimposed on the film subtitles making it difficult to see, select the "Top" setting.

2 Remote (SIRIUS/XM)

Set when operating SIRIUS from the main remote control unit. Set the XM TUNER (DEV2) mode on the main remote control unit to SIRIUS.

[Selectable items] **TUNER (DEV2) : XM**
TUNER (DEV2) : SIRIUS

NOTE
 When set to "TUNER (DEV2) : SIRIUS", TUNER (DEV2) mode cannot be used for XM.

3 232C Port (1)

Set when external controller or 2-way remote control unit (RC-7000CI and RC-7001RCI, sold separately) is connected.

[Selectable items]
Serial Control : Set when using an external controller.
2Way Remote : Set when using a 2-way remote control unit.

NOTE
 • When using the 2-way remote control unit, connect to port 1 of the RS-232C connector.
 • When using a 2-way remote control unit, set this to "2Way Remote". In this case, you can not use port 1 of the RS-232C connector as an external controller.

4 Add New Feature

Display the new features which can be purchased for downloading to the AVP-A1HDCI / AVR-5308CI and upgrade.

When you purchase a new feature and register your user information, "Registered" is displayed on this menu and you can proceed with the upgrade.

When "Not Registered" is displayed on the Add New Feature screen, you cannot upgrade. To use the upgrade function, you should purchase an upgrade package from the DENON website. To purchase the package, you will need the ID number shown on this screen. To display the ID number on the screen, hold the <D> and <STATUS> buttons down for 3 seconds or more.

Upgrade Status

A list of the additional functions provided by the Upgrade will be displayed.

Do not turn off the power or disconnect from the network during an upgrade.

Source Select

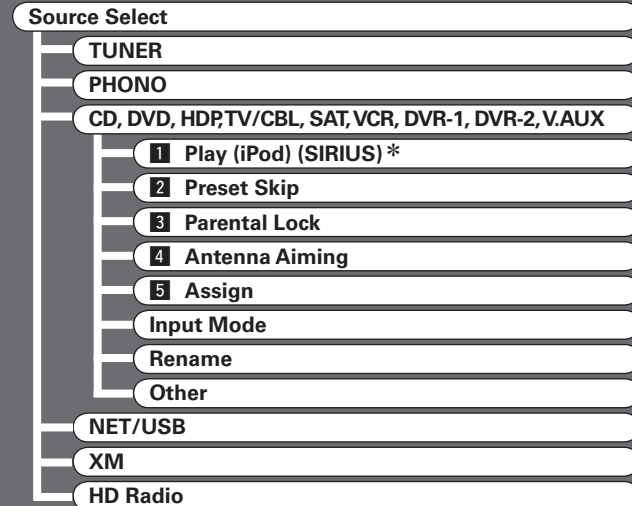


Use this procedure to select the input source and make the settings related to playing input sources.

Settings Related to Playing Input Sources



Menu tree



*: "Play" is displayed for input sources for which "iPod dock" and "SIRIUS" are assigned.

1 Play (iPod) (SIRIUS)

The playback screen is displayed.

[Input source] **TUNER** **NET/USB** **XM** **HD Radio**
 (**iPod** **SIRIUS**)

2 Preset Skip

Set the preset memories that you do not want to display when tuning.

A ~ G

Select the preset channel(s) you do not want to display.

[Input source] **SIRIUS**

[Selectable items] **All** **1** **2** **3** **4** **5** **6** **7** **8**

[Selectable items] **ON** **Skip**



When set "All" to "Skip", it is possible to skip entire preset memory blocks (A to G).

3 Parental Lock

For any channel, set the radio reception limits.

[Input source] **SIRIUS**

Lock Setting

Set the channel radio reception limits.

- ① Press **ENTER**.
- ② Using $\Delta \nabla \triangleleft \triangleright$, input the password (4 digits number) and press **ENTER**.
- ③ Select channel by pressing $\Delta \nabla$, and set the lock by pressing $\triangleleft \triangleright$.

[Selectable items]

Unlock : Do not lock selected channel(s).

Lock : Lock selected channel(s).

※ When a Parental Locked channel is tuned, "Code : []" is displayed, then input the password.



- The default password is "0000".
- If the password is wrong, "Lock Code is incorrect" is displayed. Input the correct password.
- While listening to the channel being played, you can also set parental lock (🔒 page 13).

Edit Lock Code

Change the password.

- ① Press **ENTER**.
- ② Select "Current Lock Code" and press **ENTER**.
- ③ Enter the current Lock Code using $\Delta \nabla \triangleleft \triangleright$.
- ④ Press **ENTER** to confirm.
- ⑤ Select "New Lock Code" and enter a new Lock Code using steps ① to ③ above.
- ⑥ Select "Repeat Code" and re-enter the new Lock Code using steps ① to ③ above.
- ⑦ Select "Execute" and press **ENTER**.



- If the old password is incorrectly input, "Current Lock Code is incorrect" is displayed, and proceed again from step ①.
- If the password input is 3 digits or less, "Enter 4 digits number" is displayed, and input again with a 4 digit password.
- If the new password is not correctly input, "New Lock Codes do not match" is displayed and the password does not change.

4 Antenna Aiming

Check the SIRIUS radio reception sensitivity.

[Input source] **SIRIUS**

Satellite

Indicate satellite signal strength.

Terrestrial

Indicate terrestrial signal strength.

SIRIUS Antenna Aiming

Display	Condition
▣▣▣▣	Signal strength is excellent
▣▣▣	Signal strength is good
▣▣	Signal strength is weak
▣	No signal

5 Assign

Assign input sources to input connectors.

HDMI (AVP-A1HDCI only)

Select HDMI connector to assign to this source.

[Input source]

DVD HDP TV/CBL SAT VCR DVR-1 DVR-2 V.AUX
 CD *

[Selectable items] 1 2 3 4 5 6 None

Input source	DVD	HDP	TV/CBL	SAT
Default setting	HDMI1	HDMI2	None	HDMI3

Input source	VCR	DVR-1	DVR-2	V.AUX
Default setting	HDMI4	HDMI5	HDMI6	None

* The XLR input terminal of AVP-A1HDCI is only compatible with a "CD" input source.

When the analog audio signal input from the XLR terminal of the player equipped with XLR output terminal, and the video signal input from the HDMI terminal are combined in playback, assign "CD" input source to the HDMI terminal. During this playback, on the GUI menu, set "Input Mode" to "Analog".



- With an HDMI connection, video and audio signals are transmitted simultaneously. To play the video signal assigned at "HDMI" combined with the audio signal assigned at "Digital", select "Digital" at the GUI menu "Source Select" – "Input Mode".
- When the AVP-A1HDCI and monitor are connected with an HDMI cable, if the monitor is not compatible with HDMI audio signal playback, only the video signals are output to the monitor.

NOTE

- You cannot set HDMI terminal for the input source assigned to "iPod dock".
- Audio signals input from the analog terminal, digital terminal and external input terminal (EXT. IN) are not output to the television from the HDMI terminal.

Digital

Select digital input connector to assign to this source.

[Input source]

CD DVD HDP TV/CBL SAT VCR
 DVR-1 DVR-2 V.AUX (SIRIUS)

[Selectable items]

Coaxial1 ~ 4 Optical1 ~ 5
 DENON LINK * BNC1/2 None

Input source	CD	DVD	HDP	TV/CBL	SAT	VCR	DVR-1	DVR-2	V.AUX
Default setting	Coaxial 4	Coaxial 1	Coaxial 2	Optical 1	Coaxial 3	Optical 4	Optical 2	Optical 3	Optical 5

*: When a DENON DVD player and the DENON LINK have been connected, be sure to make a setting to "DENON LINK".

NOTE

This cannot be set for input sources for which "iPod dock" is assigned.

SIRIUS

Assign SIRIUS to this source.

[Input source]

CD DVD HDP TV/CBL SAT VCR
 DVR-1 DVR-2 V.AUX

[Selectable items]

Assign None

NOTE

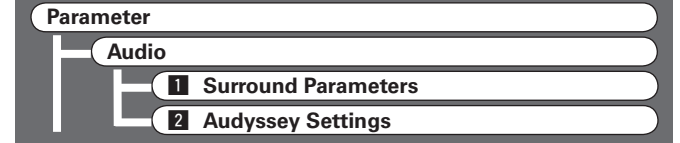
- "SIRIUS" and "iPod Dock" cannot both be assigned.
- When "SIRIUS" is assigned to the input source, connect to port 2 of the RS-232C connector. In this case, you can not use port 2 of the RS-232C connector as an external controller.
- The "HDMI" and "Component" cannot be set for input sources for which "SIRIUS" is assigned.



Audio

Adjust various audio parameters.

Menu tree



1 Surround Parameters

Adjust surround sound parameters.

The adjustable parameters differ for the different surround modes.

SB CH Out (for Multi-channel sources)

Select playback mode for surround back channels.

[Selectable items]

NON MTRX MTRX ON PLIIx CINEMA *1 PLIIx MUSIC *2
 ES MTRX *3 ES DSCRT *4 DSCRT ON OFF

*1: This can be selected when "Surround Back" is set to "2spkr" at the GUI menu "Manual Setup" – "Speaker Setup" – "Speaker Configuration" setting.

*2: This can be selected when "Surround Back" is set to "2spkr" or "1spkr" at the GUI menu "Manual Setup" – "Speaker Setup" – "Speaker Configuration" setting.

*3: This can be selected when playing DTS sources.

*4: This can be selected when playing DTS sources including a discrete 6.1-channel signal identification signal.



When using the surround back speaker, you can change the "SB CH Out" setting by pressing **STANDARD**.

2 Audyssey Settings

Select Room EQ, Dynamic EQ and Dynamic Volume.

Room EQ


[Selectable items]

- Audyssey** : Optimize frequency response of all speakers.
- Audyssey Byp. L/R** : Optimize frequency response of speakers except front L and R speakers.
- Audyssey Flat** : Optimize frequency response of all speakers to flat response.
- Manual** : Apply frequency response set with "Manual EQ".
- OFF** : Turn equalizer off.

Operating from the main unit or main remote control unit

Press **ROOM EQ**.



- When "Audyssey", "Audyssey Byp. L/R" or "Audyssey Flat" is selected, "AUDYSSEY MULTIEQ.XT" lights.
- After running Auto Setup, if the Speaker Configuration, Distance, Channel Level, and Crossover Frequency have changed without increasing the number of speakers measured, only "AUDYSSEY MULTIEQ.XT" lights.
-  "Audyssey", "Audyssey Byp. L/R" and "Audyssey Flat" can be selected after the auto setup procedure has been performed.
- After performing "Auto Setup", the "Room EQ" setting automatically becomes "Audyssey".
- If the settings of speakers for which "None" has been determined at "Auto Setup" are changed, "Audyssey", "Audyssey Byp. L/R" and "Audyssey Flat" cannot be selected. Either perform Auto Setup again, or return to the setting after running Auto Setup with "Auto Setup" – "Parameter Check" – "Restore".
- When using headphones or analog EXT. IN mode, "Room EQ" cannot be used.

Dynamic EQ

Audyssey Dynamic EQ™ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics.

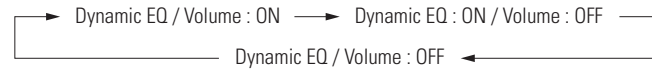
Audyssey Dynamic EQ works in tandem with Audyssey MultEQ® XT to provide well-balanced sound for every listener at any volume level.

[Selectable items]

- ON** : Use Dynamic EQ function.
- OFF** : Do not use Dynamic EQ function.

Operating from the main unit or main remote control unit

Press **<DYNAMIC EQ>** or **[PARA]**.



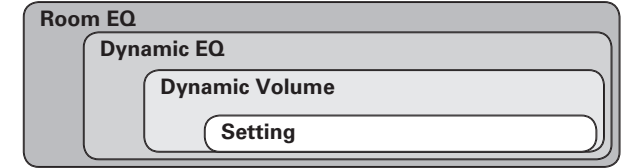
- "Dynamic EQ" can only be set when auto setup has been performed.
- After performing "Auto Setup", the "Dynamic EQ" setting automatically becomes "ON".
- "Dynamic EQ" cannot be set in the following situations.
 - If "Auto Setup" fails to be completed.
 - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
- When "Room EQ" is set to "OFF" or "Manual", "Dynamic EQ" is automatically set to "OFF".
- Before running Auto Setup and after running Auto Setup, if the number of speakers has increased or you pressed **<DYNAMIC EQ>** or **[PARA]**, "Run Audyssey" is displayed. In this case, either perform Auto Setup, or return to the setting after running Auto Setup with "Auto Setup" – "Parameter Check" – "Restore".

NOTE

When you set "Dynamic EQ" to "ON", "Tone" and "Night Mode" cannot be used.

Operating conditions for each function

- **Dynamic EQ** : When "Room EQ" is set to "Audyssey", "Audyssey Byp. L/R" or "Audyssey Flat"
- **Dynamic Volume** : When "Dynamic EQ" is set to "ON"
- **Setting** : When "Dynamic Volume" is set to "ON"



Dynamic Volume

Audyssey Dynamic Volume™ solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies.

Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same.

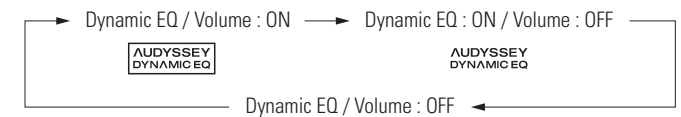
[Selectable items]

- ON** : Use Dynamic Volume.
The Dynamic Volume effect will be at the level of the "Setting".
- OFF** : Do not use Dynamic Volume.



Operating from the main unit or main remote control unit

Press **<DYNAMIC EQ>** or **[PARA]**.





- “Dynamic Volume” can only be set when auto setup has been performed.
- “Dynamic Volume” cannot be set in the following situations.
 - If “Auto Setup” fails to be completed.
 - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
- When “Room EQ” is set to “OFF” or “Manual”, “Dynamic Volume” is automatically set to “OFF”.
- Before running Auto Setup and after running Auto Setup, if the number of speakers has increased or you pressed **<DYNAMIC EQ>** or **[PARA]**, “Run Audyssey” is displayed. In this case, either perform Auto Setup, or return to the setting after running Auto Setup with “Auto Setup” – “Parameter Check” – “Restore”.

NOTE

“Dynamic Volume” and “Night Mode” cannot be used jointly.

Setting

Can be set when “Dynamic Volume” is set to “ON”.
Set Dynamic Volume effect.

[Selectable items]

Midnight : High setting affects volume the most, causing all sounds to be of equal loudness.

Evening : Middle setting prevents loud and soft sounds from being much louder and softer respectively than average sounds.

Day : Low setting provides the least adjustments to the loudest and softest of sounds.

NOTE

- “Setting” can only be set when auto setup has been performed.
- “Setting” cannot be selected in the following cases.
 - If “Auto Setup” fails to be completed.
 - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
 - If “Dynamic Volume” setting is “OFF”.

About Dynamic EQ

Audyssey Dynamic EQ™ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics.

Dynamic EQ selects the correct frequency response and surround levels moment-by-moment at any user-selected volume setting. The result is bass response, tonal balance, and surround impression that remain constant despite changes in volume. Dynamic EQ combines information from incoming source levels with actual output sound levels in the room, a prerequisite for delivering a loudness correction solution.

Audyssey Dynamic EQ works in tandem with Audyssey MultEQ XT to provide well-balanced sound for every listener at any volume level.

About Dynamic Volume

Audyssey Dynamic Volume™ solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies.

Dynamic Volume looks at the preferred volume setting by the user and then monitors how the volume of program material is being perceived by listeners in real time to decide whether an adjustment is needed. Whenever necessary, Dynamic Volume makes the necessary rapid or gradual adjustments to maintain the desired playback volume level while optimizing the dynamic range.

Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same whether watching movies, flipping between television channels, or changing from stereo to surround sound content.

NOTE

You cannot use either the “Dynamic EQ” or “Dynamic Volume” function if you conduct auto setup when the microphone connected to the V.AUX L terminal is not the prescribed accessory.

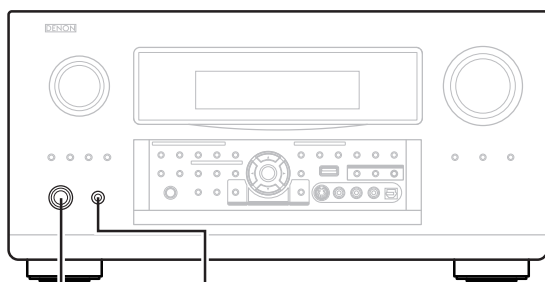
Playback



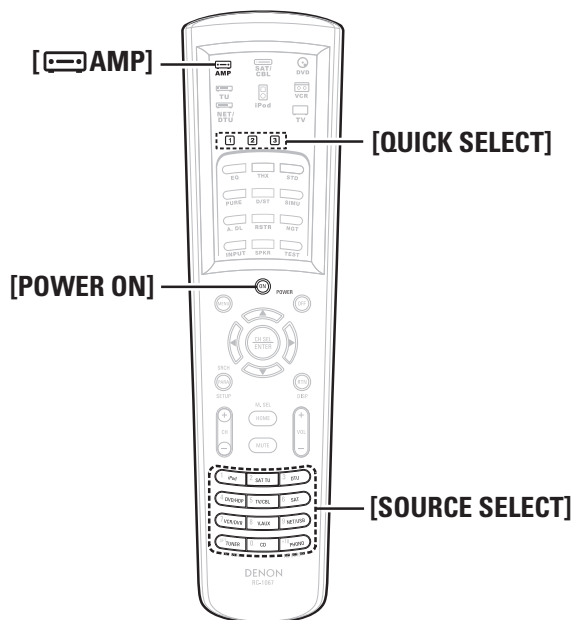
Symbols used to indicate buttons in this manual

- Button located on both the main unit and the remote control unit → **BUTTON**
- Button only on the main unit → **<BUTTON>**
- Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-5308CI>



<ON/STANDBY> <POWER>



Preparations

Turning the Power On

- 1 Press <POWER>.**
The power indicator lights red and the power is set to the standby mode.
- 2 Press <ON/STANDBY> or [POWER ON].**
The power indicator flashes green and the power turns on.
 - ※ Also press **[SOURCE SELECT]** when in standby mode, the power turns on. In this case the input source is selected by main remote control unit.
 - ※ Also press **[QUICK SELECT]** when in standby mode, the power turns on. In this case Quick Select is selected.

Listening to SIRIUS Satellite Radio Programs

What is SIRIUS Satellite Radio?

Simply The Best Radio on RadioTM with all your favorite entertainment including 100% commercial-free music, plus superior sports coverage, uncensored talk and comedy, world-class entertainment, news, weather and more for your car, home or office. For more information visit sirius.com or siriuscanada.ca

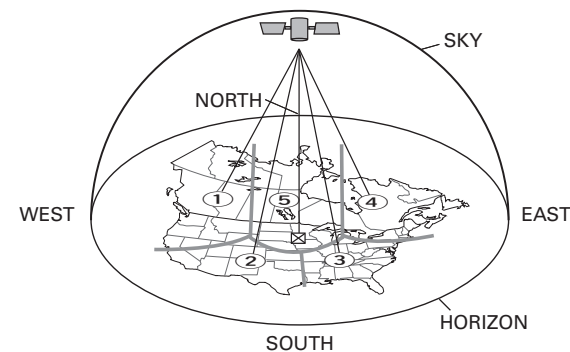
Sirius is available in the US for subscribers with addresses in the continental US and is available in Canada for subscribers with a Canadian address. Required subscription plus compatible SIRIUS tuner and antenna are required and sold separately. SIRIUS Programming is subject to change. Visit sirius.com for the most complete and up-to-date channel lineup and product information. "SIRIUS" and the SIRIUS dog logo and related marks are trademarks of Sirius Satellite Radio Inc. All rights reserved.

SIRIUS Connector

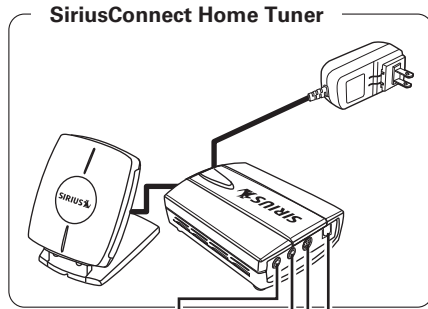
- The AVP-A1HDCI / AVR-5308CI is a SIRIUS Satellite Radio Ready® receiver. You can receive SIRIUS® Satellite Radio by connecting to the SiriusConnect Home Tuner and subscribing to the SIRIUS service.
- Connect the SiriusConnect Home Tuner to the 232C terminal (port 2) and the audio terminal on the rear panel. To make the connection, use the 232C cable in the accompanying Prokit.
- To assign the SIRIUS, make the setting at GUI menu "Source Select" – "(input source)" – "Assign" – "SIRIUS" (☞ page 7).
- Position the Home Tuner antenna near a south-facing window to receive the best signal.
For details, see "Listening to SIRIUS Satellite Radio Programs" (☞ page 10).
When making connections, also refer to the operating instructions of the SiriusConnect Home Tuner.

Positioning the Antenna

For a consistent satellite signal, the antenna must be positioned correctly. Use the following map to determine which area you are in and position the antenna accordingly.

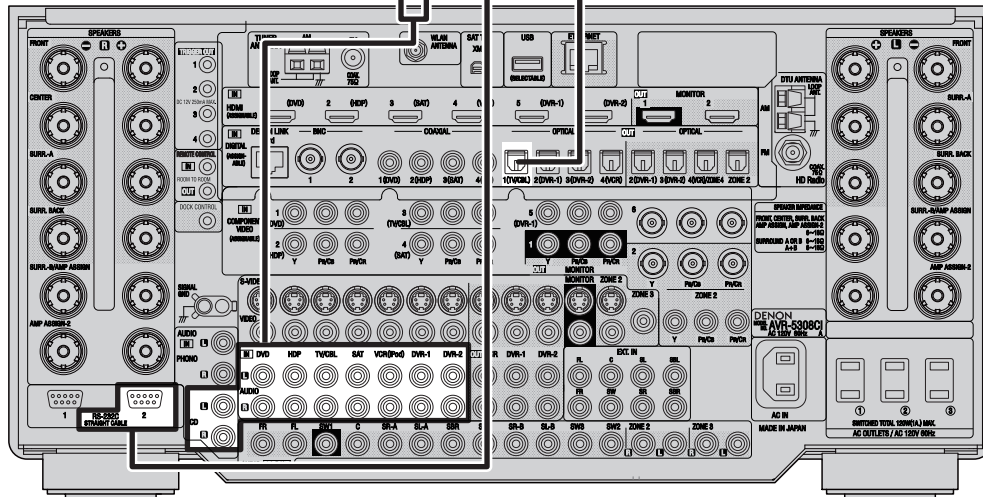


- Area 1 :** Point the antenna toward the sky in the **east, northeast, or southeast**, either through a window or outside.
- Area 2 :** Point the antenna toward the sky in the **north or northeast**, either through a window or outside.
- Area 3 :** Point the antenna toward the sky in the **north or northwest**, either through a window or outside.
- Area 4 :** Point the antenna toward the sky in the **west, northwest, or southwest**, either through a window or outside.
- Area 5 :** Put the antenna outside and point it **straight up**. The antenna cannot be used indoors.



Input the SiriusConnect Home Tuner's audio output to an audio input terminal not used by AVP-A1HDCI/AVR-5308CI.
Assign "SIRIUS" to the audio input terminal source connected to the SiriusConnect Home Tuner.

※ When connecting digital audio



<Illustration : AVR-5308CI>

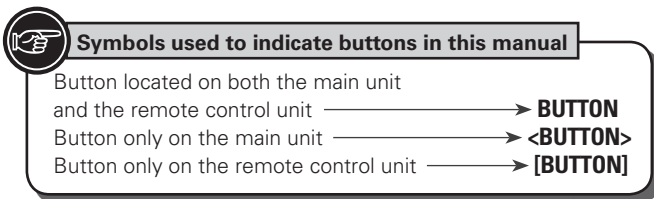


When connecting digital of the SiriusConnect Home Tuner, perform the setting "Source Select" – "(input source)" – "Assign" – "Digital" from the GUI menu. (page 6).

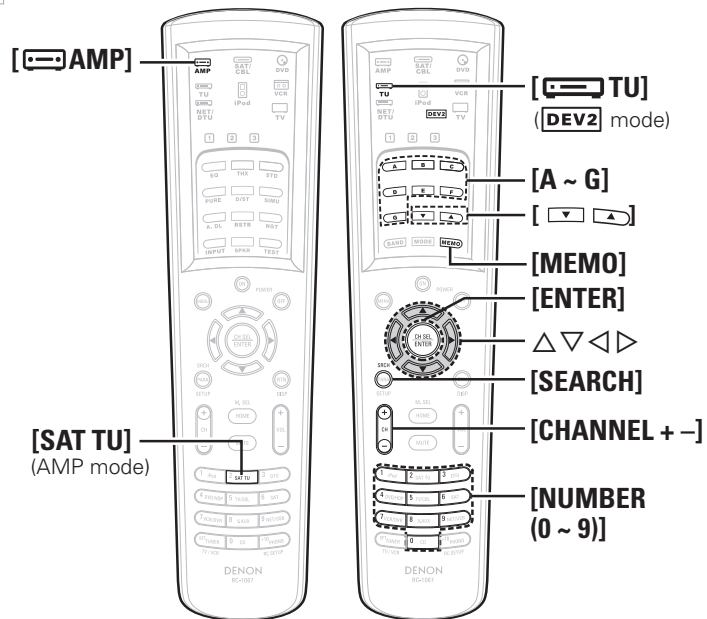
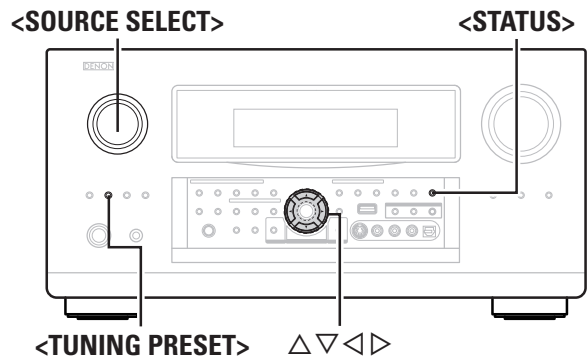
NOTE

- Keep the power cord unplugged until the SiriusConnect Home Tuner connection have been completed.
- Connect to RS-232C port "2". You cannot use the SIRIUS function even if you connect to RS-232C port "1".

©2006 SIRIUS Satellite Radio Inc. "SIRIUS", the SIRIUS dog logo, and channel names and logos are trademarks of SIRIUS Satellite Radio Inc.



<Illustration : AVR-5308CI>



Basic Operation

There is no SIRIUS-dedicated input terminal for AVP-A1HDCI / AVR-5308CI.

When using an audio input source not used by AVP-A1HDCI / AVR-5308CI, assign SIRIUS to the source.

1 Make the necessary preparations.

① Assign the SIRIUS input.

[GUI] : “Source Select” – “(input source)” – “Assign” – “SIRIUS” (☞ page 7)

② Change the TUNER(DEV2) setting on the main remote control unit to SIRIUS.

[GUI] : “Manual Setup” – “Option Setup” – “Remote (SIRIUS/XM)” (☞ page 5)

2 Either turn <SOURCE SELECT> or press [SAT TU] to select “SIRIUS”.

※ When operating via the remote control unit, you cannot select SIRIUS even by pressing [SOURCE SELECT] to which SIRIUS has been assigned.

3 When using the main remote control unit to operate, press [TU] to select [DEV2] mode.

4 Use [▼ ▲] to select the channel.

When the channel is tuned in, the name of the song and artist are displayed.



- The channel switches continuously when [▼ ▲] is pressed and held.
- The song title, artist name, composer name, category and reception level can be checked by pressing <STATUS>.
- The time (default : 30 sec) for which the on-screen display are displayed can be set at GUI menu “Manual Setup” – “Option Setup” – “GUI” – “Tuner”.
- The sub remote control unit can also be used for SIRIUS (☞ page 13).

Checking the SIRIUS Signal Strength and Radio ID

1 Either turn <SOURCE SELECT> or press [SAT TU] to select “SIRIUS”.

※ When operating via the remote control unit, you cannot select SIRIUS even by pressing [SOURCE SELECT] to which SIRIUS has been assigned.

2 Press <STATUS> until “SIGNAL” appears on the display.

The display will switch as shown below, depending on the reception conditions.

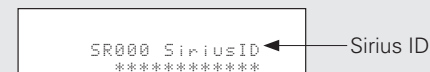
Display	Status
EXCELLENT	Signal strength is excellent
GOOD	Signal strength is good
WEAK	Signal strength is weak
NO SIGNAL	No signal

3 Adjust the position of the antenna until “SIGNAL: EXCELLENT” is shown on the display.

4 Press <STATUS> until the channel (example: “SR001”) is displayed.

5 Press [▼ ▲] and select channel 0 (SR000).

Channel No. and Sirius ID are alternately shown on the display.



※ Write your own SIRIUS ID for storage use.

Sirius ID : _____



The strength of both the SIRIUS satellite and terrestrial signals can be checked at GUI menu “Source Select” – “SIRIUS” – “Antenna Aiming” (☞ page 6).

Presetting Radio Channels (Preset Memory)

Your favorite broadcast channels can be preset so that you can tune them in easily. Up to 56 channels can be preset.

1 Tune in the broadcast channel you want to preset.

2 Press [MEMO].

3 Press [A ~ G] to select the block in which the channel is to be preset.

4 Press [CHANNEL + -] or [NUMBER (1 ~ 8)] to select the preset number.

5 Press [MEMO] again to complete the setting.



To preset other channels, repeat steps 1 to 5.

NOTE

Preset channels are erased by overwriting them.

Listening to Preset Channels

Operation on the Main Unit

Press <TUNING PRESET>, then turn <SOURCE SELECT> to select the preset channel.

Operation on the Main Remote control Unit

1 Press [CHANNEL + -].
A pop-up window appears.

2 Select a preset channel using [CHANNEL + -].

3 Press [ENTER].



Selection is still possible if you press [1 ~ 8] after pressing [A ~ G].

Searching Categories

1 Press <Δ Δ>.



2 Use <Δ Δ> to select the category, to use <Δ ∇> to select the desired channel.

Accessing SIRIUS Satellite Radio Channels Directly

1 Press [SEARCH].

2 Press [NUMBER (0 ~ 9)] to input the channel.

Example: Accessing channel "SR123":
[1] → [2] → [3]

※ If no button is pressed within several seconds, the channel automatically switches to the one whose number has been input.

3 Press [ENTER] to set that channel.
Reception switches to the selected channel.



- "UPDATING" is displayed while the channel list is being updated.
- "SIRIUS UPDATING" is displayed when updating SIRIUS tuner firmware.
- Refer to "Troubleshooting" – "SIRIUS Satellite Radio" regarding other messages (☞ page 18).

Parental Lock

1 Tune to the channel you want to lock.

2 Press [ENTER] for at least 3 seconds.
"Code: []" is displayed.

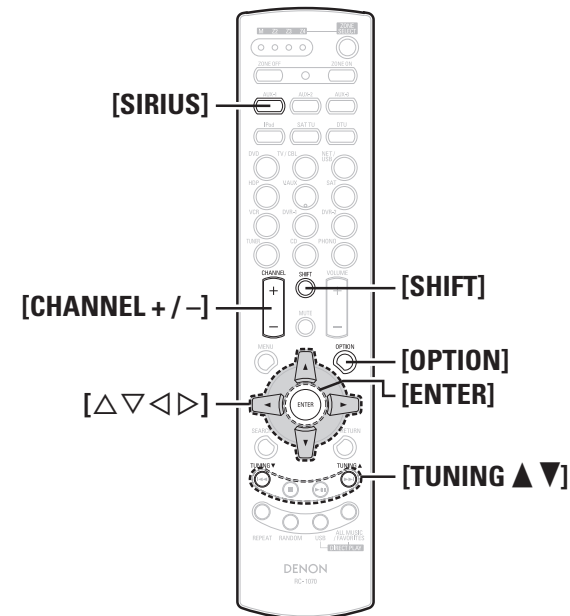
3 Enter the 4-digit lock code using Δ ∇ <Δ Δ>.
When you enter the correct code, the corresponding channel is locked.

4 Press [ENTER].



- Channels under Parental Lock cannot be tuned in by performing Tuning Up/Down or by category search.
- Channels stored in preset memory can be tuned in by the preset channel select operation, even if Parental Lock is applied.
- When a channel to which Parental Lock is applied is being played, Parental Lock for that channel is cancelled by performing Step 2.
- See "Edit Lock Cord" (☞ page 6) for the method of changing Parental Lock Cord.
- You can also set "Parental Lock" from the GUI menu (☞ page 6).

Sub Remote Control Unit Operations



Functions of Buttons by Component

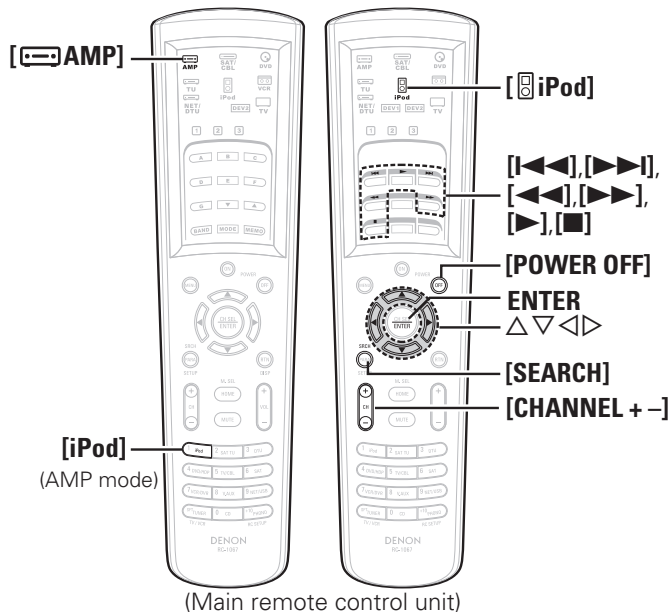
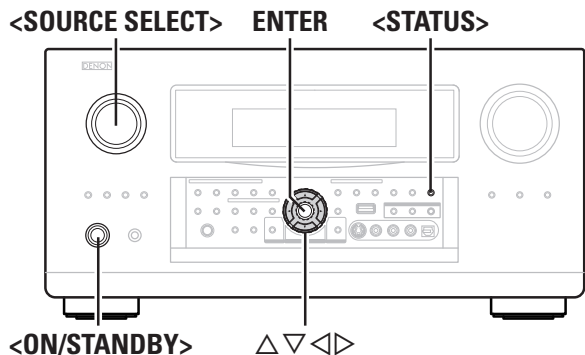
Device operated	AUX-1 (SIRIUS)			
	M	Z2	Z3	Z4 (※)
Zone selection	M	Z2	Z3	Z4 (※)
SOURCE SELECT	Input source selection			
CHANNEL + / -	Preset channel selection			-
SHIFT	Preset channel memory block selection			-
Δ ∇ <Δ Δ>	Category search			-
ENTER	Parental Lock (press and hold)			-
OPTION	Preset Memory			-
TUNING Δ ∇	Channel selection			-

※: In ZONE4, it is not possible to select "XM", "HD Radio" or sources with no digital input signals ("TUNER", "PHONO", "iPod", etc.). Network audio signals (Internet radio, music server, USB) can be played as long as they are not copyright-protected.

Symbols used to indicate buttons in this manual

Button located on both the main unit and the remote control unit → **BUTTON**
 Button only on the main unit → **<BUTTON>**
 Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-5308CI>



(Main remote control unit)

(Sub remote control unit)

iPod® Playback

The music on an iPod can be played by using the Control Dock for iPod (ASD-1R or ASD-11R, sold separately).

The operation can also be performed using the buttons on the main unit or remote control unit while watching the GUI menus.



iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

※ The iPod may only be used to copy or play contents that are not copyrighted or contents for which copying or playback is legally permitted for your private use as an individual. Be sure to comply with applicable copyright legislation.

Basic Operation

1 Make the necessary preparations.

- Set the iPod in the DENON Control Dock for iPod.
(See the Control Dock for iPod's operating instructions.)
- Assign the Control Dock for iPod's input.

[GUI] : "Source Select" – "(input source)" – "Assign" – "iPod dock"

2 Either turn <SOURCE SELECT> or press [iPod] (AMP mode) to select the input source assigned in step 1-2 above.

– GUI screen –



(When using an ASD-1R)

(When using an ASD-11R)

※ When using the ASD-11R, "Music" and "Videos" folders appear in the Top menu.

※ When communication between AVP-A1HDCI / AVR-5308CI and iPod is complete, the relevant GUI screen is displayed. If the screen is not displayed, the iPod may not be properly connected. Try connecting again.

[GUI] : "Source Select" – "(input source)" – "Play"
(page 6)

3 To operate using the main remote control unit, set the remote control unit to the iPod mode.

4 Press [SEARCH] and hold it down for a 2 seconds or more to select the display mode.

To switch between modes, press and hold down the button. When remote mode is active, "Remote" is displayed.

[Display mode]		Browse mode	Remote mode
Display location		Main unit display	iPod display
Playable files	Audio file	○	○
	Video file	○ *1	○ *2
Active buttons	Remote control unit (AVP-A1HDCI / AVR-5308CI)	○	○
	iPod	×	○

*1 : When using an ASD-11R control dock for iPod.

*2 : Video may not be output, depending on the combination of ASD-1R and iPod.



- With the default settings, the iPod can be used connected to the VCR (iPod) connector.
- Use the RESTORER mode to expand the low and high frequency components of compressed audio files and achieve a richer sound. The default setting is "Mode3".
- Press <ON/STANDBY> or [POWER OFF] and set the AVP-A1HDCI / AVR-5308CI's power to the standby mode before disconnecting the iPod. Also switch the input source to one to which the GUI menu "iPod dock" is not assigned before disconnecting the iPod.

NOTE

- Depending on the type of iPod and the software version, some functions may not operate.
- DENON will accept no responsibility whatsoever for any loss of iPod data.

Listening to Music

1 Use Δ▽ to select the search item or folder, then press ENTER or ▷.

※ When using the ASD-11R, select "Music" on the Top menu.

2 Use Δ▽ to select the music file, then press ENTER or ▷.

Playback starts.

❑ Stopping playback temporarily

During playback, press **ENTER** or **[▶]**.
Press again to resume playback.

❑ Fast-forwarding or fast-reversing

During playback, either press and hold **△** (to fast-reverse) or **▽** (to fast-forward), or press **[◀◀]** or **[▶▶]**.

❑ To cue to the beginning of a track

During playback, either press **△** (to cue to the previous track) or **▽** (to cue to the next track), or press **[◀◀]** or **[▶▶]**.

❑ To stop

During playback, either press and hold **ENTER** or press **[■]**.

❑ Playing repeatedly

Press **[CHANNEL -]** or **[REPEAT]** on the sub remote control unit.

[Selectable items] **All** **One** **OFF**

[GUI] : “Source Select” – “(input source)” –
“Playback Mode (iPod)” – “Repeat”

❑ Shuffling playback

Press **[CHANNEL +]** or **[RANDOM]** on the sub remote control unit.

[Selectable items] **Albums** **Songs** **OFF**

[GUI] : “Source Select” – “(input source)” –
“Playback Mode (iPod)” – “Shuffle”

❑ Searching up or down pages

Press **[SEARCH]**, then press **◀** (down) or **▶** (up).
To cancel, press **△▽** or **[SEARCH]**.

❑ To switch between the Browse and Remote modes

Either press and hold **[SEARCH]**.



- The title name, artist name and album name can be checked by pressing **<STATUS>** during playback.
- On the AVP-A1HDCl / AVR-5308Cl, folder and file names can be displayed as titles. Any characters that cannot be displayed are replaced with “. (period)”.
- The time (default : 30 sec) for which the GUI menus are displayed can be set at GUI menu “Manual Setup” – “Option Setup” – “GUI” – “iPod”.

Viewing Videos (Browse mode)

When you connect an iPod equipped with a video function to the ASD-11R, video files will be visible in Browse mode.

- 1** Use **△▽** to select “Videos”, then press **ENTER** or **▶**.
- 2** Use **△▽** to select the search item or folder, then press **ENTER** or **▶**.
- 3** Use **△▽** to select the video file, then press **ENTER** or **▶**.
Playback starts.

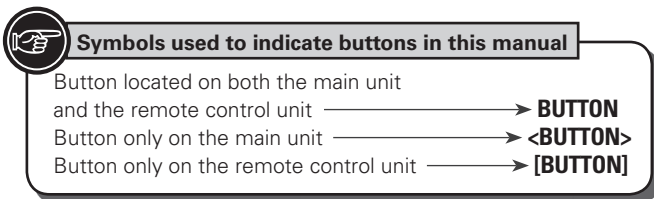
Viewing Still Pictures or Videos (Remote mode)

Photo and video data on the iPod can be viewed on the monitor.
(Only for iPod equipped with slideshow or video functions.)

- 1** Press and hold **[SEARCH]** to set the Remote mode.
“Remote iPod” is displayed on the AVP-A1HDCl / AVR-5308Cl’s display.
- 2** Watching the iPod’s screen, use **△▽** to select “Photos” or “Videos”.
- 3** Press **ENTER** until the image you want to view is displayed.

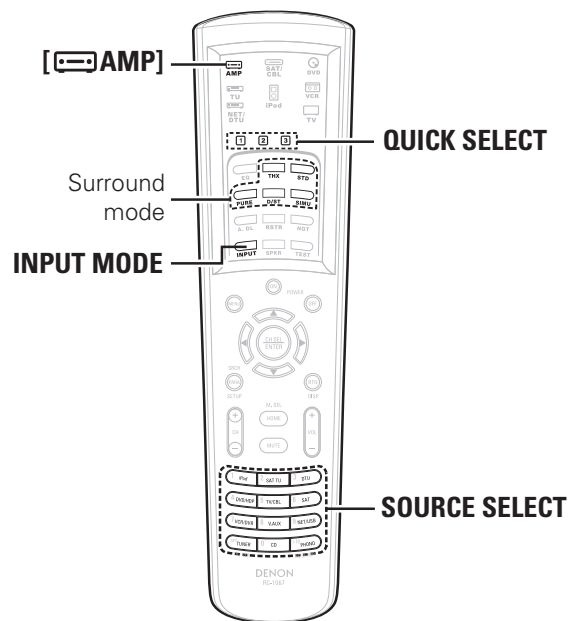
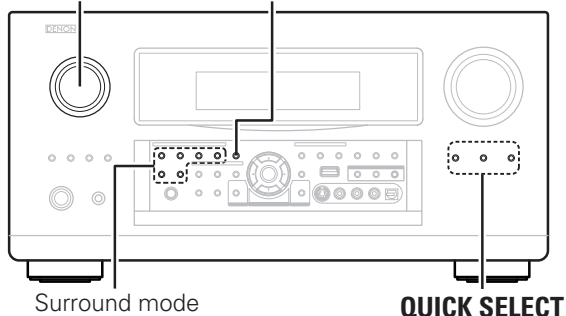


- “TV Out” at the iPod’s “Slideshow Settings” or “Video Settings” must be set to “On” in order to display the iPod’s photo data or videos on the monitor. For details, see the iPod’s operating instructions.
- When unable to operate by the remote control unit, use the iPod unit.



<Illustration : AVR-5308CI>

SOURCE SELECT INPUT MODE



Other Operations and Functions

Convenient Functions

Playing back the HD audio of Blu-ray Disc by DENON LINK 4th

When playing a Blu-ray Disc, you can play back jitter-free HD audio.

- 1 Connect the AVP-A1HDCI / AVR-5308CI to a DENON LINK 4th compatible Blu-ray Disc player using DENON LINK cable and HDMI cable.
See the Owner's Manual of each device for information on how to connect.

- 2 Assign "DENON LINK" to the input source to be used.

GUI : "Source Select" – "(input source)" – "Assign" – "Digital" – "DENON LINK"

- 3 Assign the HDMI input terminal connected to the player to the input source to be used.

GUI : "Source Select" – "(input source)" – "Assign" – "HDMI" – "1" ~ "6"

- 4 Set the HDMI control function of the AVP-A1HDCI / AVR-5308CI to "On".

GUI : "HDMI Setup" – "HDMI Control" – "Control" – "ON"

- 5 Make the player's DENON LINK setting "4th".
See the Owner's Manual of the player for information on how to make this setting.

- 6 Set the player's HDMI control function to "On".
See the Owner's Manual of the player for information on how to make this setting.

- 7 Select the input source assigned in Steps 2 and 3 with **SOURCE SELECT**.

The display's "HDMI" indicator lights.

- 8 With **INPUT MODE**, select "Auto" as the audio input mode.

※ When playing back a Blu-ray Disc, the disc is automatically played back in DENON LINK 4th.

NOTE If the audio input mode is not set to "Auto", jitter-free playback is not possible.

- 9 Select surround mode.

- 10 Play back a Blu-ray Disc.

Playback matched to the input signal type and surround mode begins.

See the Owner's Manual of the player for information on how to operate.

During jitter-free playback, the player's DENON LINK CLOCK CONTROL indicator lights.

※ The indicator differs depending on the player. See the Owner's Manual of the player for more information.



If you play back anything other than a Blu-ray Disc with the input mode set to "Auto", playback will automatically be in DENON LINK 3rd.

NOTE

- Jitter-free playback is not enabled when the input mode is set to "HDMI". Playback is in HDMI.
- When the input mode is set to "Digital", playback is in DENON LINK 3rd, and Blu-ray Disc audio is not played back.

Quick Select Function

With this function, the currently playing input source, input mode, surround mode, room EQ, **Dynamic EQ**, **Dynamic Volume** settings and volume can be stored in the memory.

1 Set the input source, input mode, surround mode, room EQ, **Dynamic EQ**, **Dynamic Volume** settings and volume to the conditions you want to store.

2 Press and hold the desired **QUICK SELECT**.
Keep pressing the button until the quick select indicator lights.

[Quick Select Defaults]

	Input Source	Volume
Quick Select 1	DVD	-40 dB
Quick Select 2	TV/CBL	-40 dB
Quick Select 3	VCR	-40 dB

Other Information

Audyssey

Audyssey MultEQ® XT

Audyssey MultEQ XT is a room equalization solution that calibrates any audio system so that it can achieve optimum performance for every listener in a large listening area. Based on several room measurements, MultEQ XT calculates an equalization solution that corrects for both time and frequency response problems in the listening area and also performs a fully automated surround system setup.

Audyssey Dynamic EQ™

Audyssey Dynamic EQ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics. Audyssey Dynamic EQ works in tandem with Audyssey MultEQ XT to provide well-balanced sound for every listener at any volume level.

Audyssey Dynamic Volume™

Audyssey Dynamic Volume solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies.

Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same.



Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. Audyssey MultEQ® XT is a registered trademark of Audyssey Laboratories. Audyssey Dynamic EQ™ is a trademark of Audyssey Laboratories. Audyssey Dynamic Volume™ is a trademark of Audyssey Laboratories.

About DENON LINK 4th

DENON LINK 4th, in addition to DENON's proprietary high-grade audio signal transmission technology, DENON LINK 3rd, achieves high quality playback of HD audio.

When connected to a DENON LINK 4th compatible AV amplifier and Blu-ray Disc player by DENON LINK cable and HDMI cable, you can operate the Blu-ray Disc player with the master clock signal sent from the AV amplifier. Since D/A conversion is conducted with the master clock of the AV amplifier, HDMI transmission is not affected by clock jitter, enabling jitter-free playback. This produces clearer sound localization, so you can enjoy the clear and three-dimensional sound imaging that befits HD audio.

Troubleshooting

If a problem should arise, first check the following:

1. Are the connections correct?
2. Is the set being operated as described in the owner's manual?
3. Are the other components operating properly?

If this unit does not operate properly, check the items listed in the table below. Should the problem persist, there may be a malfunction.

In this case, disconnect the power immediately and contact your store of purchase.

[SIRIUS Satellite Radio]

Symptom	Cause	Countermeasure	Page
"CHECK SIRIUS TUNER" is displayed.	• The SiriusConnect Home Tuner is not connected.	• Check that the connections are correct.	11, 12, 13
"ANTENNA ERROR" is displayed.	• The antenna is not connected.	• Check that the connections are correct.	11, 12, 13
"INVALID CHANNEL" is displayed.	• Channel is not present.	• Select another channel.	–
"ACQUIRING SIGNAL" is displayed.	• The signal cannot be received. • Displays while SiriusConnect Home Tuner is connected.	• Reposition the antenna.	–
"Call SIRIUS" * is displayed.	• Channels are not subscribed to.	• If you subscribe to the channel, you can receive the channel.	–
"SUBSCRIPTION UPDATED" is displayed.	• While updating contract information.	–	–
"Enter Lock Code []" is displayed.	• Selected channels are locked.	• Please insert Lock Code (4 digits) into "[]".	–

*: After scroll displays "Call 888-539-...." twice, displays "Call SIRIUS".



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